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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------------------------|---|-------------------|--------------|
| Applicants: David J. Young et al. | § | Confirmation No.: | 4807 |
| Serial No.: 10/622,557 | § | | |
| Filed: July 18, 2003 | § | Group Art Unit: | 2817 |
| For: Downhole Clock Having | § | Examiner: | Joseph Chang |
| Temperature Compensation | § | | |
| (As Amended) | § | Docket No.: | 1391-39000 |

RESPONSE TO FINAL OFFICE ACTION DATED FEBRUARY 23, 2006

Mail Stop AF
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Att'y Docket No. 1391-39000
Client Ref. No. 2002-IP-008933 U1 US
Date: March 8, 2006

AMENDMENT

Sir:

In response to the Final Office Action of February 23, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 13 of this paper.

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002/016

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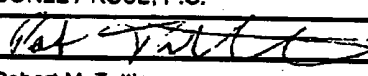
PTO/SB/21 (08-04)

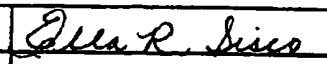
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| | | | |
|---|----------------------|------------------------|------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/662,557 | |
| | Filing Date | July 18, 2003 | |
| | First Named Inventor | David J. Young | |
| | Art Unit | 2817 | |
| | Examiner Name | Joseph Chang | |
| Total Number of Pages in This Submission | 15 | Attorney Docket Number | 1391-39000 |

| ENCLOSURES (Check all that apply) | | |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD. Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm Name | CONLEY ROSE, P.C. | |
| Signature |  | |
| Printed name | Robert M. Tuttle | |
| Date | March 8, 2006 | Reg. No. 54,504 |

| CERTIFICATE OF TRANSMISSION/MAILING | | |
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| Signature |  | |
| Typed or printed name | Ella R. Sisco | Date March 8, 2006 |

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Fax Number: 713-238-8008
Telephone Number: 713-238-8000

PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:

TO: U.S. Patent and Trademark Office
Examiner: Joseph Chang
Art Unit: 2817

FAX NO.: (571) 273-8300

DATE: March 8, 2006

FROM: Robert Tuttle, Reg. No. 54,504

RE: U.S. Patent Application Serial No. 10/662,557

ATTACHED: Response to Final Office Action Dated February 23, 2006

TOTAL NUMBER OF PAGES (INCLUDING THIS ONE) 16

CLIENT/MATTER NO.: 1391-39000

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